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PTO/SB/08A (10-96)

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (use as many sheets as necessary)				Complete If Known		
Sheet	1	of	11	Application Number	To be Assigned 10/759277	
				Filing Date	January 19, 2004	
				First Named Inventor	Coleman et al.	
				Group Art Unit	To be Assigned 1652	
				Examiner Name	To be Assigned Monshipour	
				Attorney Docket Number	PF505D2	
U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No. ¹	U.S. Patent Document Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
re. re.	AA	5,593,887		WONG et al.	01-14-97	
FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No. ¹	Foreign Patent Document Office ³ Number ⁴	Kind Code ⁵ (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
re. re.	AB	WO 00/05378		STICHTING DIENST LANDBOUWKENDIG ONDERZOEK	02-03-00	Sheets 26 and 30 of Figures
OTHER REFERENCES - NON PATENT LITERATURE DOCUMENTS						
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				T ⁶
re. re.	AC	EMBL/GenBank/ DDBJ database Accession No. AJ000855 (June 1, 1998).				
re. re.	AD	GANGULI et al., <i>Journal of Bacteriology</i> , 176(15):4583-4589 (1994).				
re. re.	AE	GILBERT et al., <i>The Journal of Biological Chemistry</i> , 275(6):3896-3906 (2000).				
re. re.	AF	International Search Report mailed on August 21, 2000, in corresponding International Application No. PCT/US00/05325.				
re. re.	AG	WEIKERT et al., <i>Nature Biotechnology</i> , 17:1116-1121 (1999).				
Examiner	Revisions			Date Considered	10/4/04	

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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				<table border="1" style="width: 100%;"> <tr> <td>Application Number</td> <td>To be Assigned 101759,277</td> </tr> <tr> <td>Filing Date</td> <td>January 19, 2004</td> </tr> <tr> <td>First Named Inventor</td> <td>Coleman et al.</td> </tr> <tr> <td>Group Art Unit</td> <td>To be Assigned 1652</td> </tr> <tr> <td>Examiner Name</td> <td>To be Assigned monshipour</td> </tr> </table>			Application Number	To be Assigned 101759,277	Filing Date	January 19, 2004	First Named Inventor	Coleman et al.	Group Art Unit	To be Assigned 1652	Examiner Name	To be Assigned monshipour
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Sheet	2	of	11	Attorney Docket Number	PF505D2											
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Examiner Initials	Cite No. ¹	U.S. Patent Document Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear										
RE. RE.	AH	6,030,824		Hillman et al.	02-29-2000											
RE. RE.	AI	5,962,302		Hillman et al.	10-05-1999											
FOREIGN PATENT DOCUMENTS																
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						T ⁶										
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RE. RE.	AJ	Munster, A-K., et al., "Mammalian cytidine 5'-monophosphate N-acetylneurameric acid synthetase: A nuclear protein with evolutionarily conserved structural motifs", Proc. Natl. Acad. Sci. USA, 95:9140-9145 (August 1998).														
RE. RE.	AK	Redenbach, M., et al., "A set of ordered cosmids and a detailed genetic and physical map for the 8 Mb Streptomyces coelicolor A3(2) chromosome", Mol. Microbiol., 21(1):77-96 (July 1996).														
RE. RE.	AL	Genbank Accession No. AI916625 (12/16/1999)														
RE. RE.	AM	Genbank Accession No. AI635718 (12/16/1999)														
RE. RE.	AN	Genbank Accession No. AI550577 (03/15/2000)														
RE. RE.	AO	Genbank Accession No. AI521193 (04/13/1999)														
RE. RE.	AP	Genbank Accession No. AI383564 (03/18/1999)														
RE. RE.	AQ	Genbank Accession No. AI245446 (11/04/1998)														
RE. RE.	AR	Genbank Accession No. AI079177 (09/24/1998)														
RE. RE.	AS	Genbank Accession No. AA226858 (02/24/1997)														
RE. RE.	AT	Genbank Accession No. AA162738 (12/17/1996)														
RE. RE.	AU	Genbank Accession No. W79930 (10/17/1996)														
Examiner	<i>RE. RE. RE. RE.</i>			Date Considered	10/14/04											

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Sheet	3	of	11	Application Number	To be Assigned 10/759,377	
				Filing Date	January 19, 2004	
				First Named Inventor	Coleman et al.	
				Group Art Unit	To be Assigned 1652	
				Examiner Name	To be Assigned Monashipuri	
				Attorney Docket Number	PF505D2	
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OTHER REFERENCES - NON PATENT LITERATURE DOCUMENTS						
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R. M.	AV	Genbank Accession No. W78156 (10/17/1996)				
	AW	Genbank Accession No. N43918 (02/07/1996)				
	AX	Genbank Accession No. H65991 (10/18/1995)				
	AY	Genbank Accession No. H03606 (06/20/1995)				
	AZ	Genbank Accession No. R79402 (06/09/1995)				
	BA	Genbank Accession No. R24888 (04/20/1995)				
	BB	Genbank Accession No. T87365 (03/17/1995)				
	BC	Genbank Accession No. T87364 (03/17/1995)				
	BD	Genbank Accession No. T78879 (03/15/1995)				
	BE	Genbank Accession No. T78878 (03/15/1995)				
	BF	Genbank Accession No. AI823915 (12/21/1999)				
	BG	Genbank Accession No. AI813508 (12/21/1999)				
	BH	Genbank Accession No. AI688701 (12/17/1999)				
	BI	Genbank Accession No. AI688690 (12/17/1999)				
	BJ	Genbank Accession No. AI685603 (05/27/1999)				
R. M.	BK	Genbank Accession No. AI677789 (12/17/1999)				
Examiner	Date Considered			10/4/04		

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Sheet	4	of	11	Attorney Docket Number	PF505D2

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. Patent Document Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document Office ³	Kind Code ⁴ (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁵

OTHER REFERENCES - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
RE. RE.	BL	Genbank Accession No. AI673324 (12/14/1999)	
	BM	Genbank Accession No. F36772 (05/13/1999)	
	BN	Genbank Accession No. F32570 (05/13/1999)	
	BO	Genbank Accession No. F28422 (05/13/1999)	
	BP	Genbank Accession No. AI565693 (05/12/1999)	
	BQ	Genbank Accession No. AI423931 (03/30/1999)	
	BR	Genbank Accession No. AI368438 (02/15/1999)	
	BS	Genbank Accession No. AI342400 (02/13/1999)	
	BT	Genbank Accession No. AI265981 (01/29/1999)	
	BU	Genbank Accession No. AI143732 (11/10/1998)	
	BV	Genbank Accession No. AI083663 (11/10/1998)	
	BW	Genbank Accession No. AI150772 (10/27/1998)	
	BX	Genbank Accession No. AI056552 (09/29/1998)	
	BY	Genbank Accession No. AI037990 (09/24/1998)	
	BZ	Genbank Accession No. AI032312 (08/27/1998)	
	CA	Genbank Accession No. AI016445 (08/27/1998)	
RE. RE.	CB	Genbank Accession No. AI078660 (04/13/1999)	

Examiner	<i>R. P. Ronski</i>	Date Considered	<i>10/14/04</i>
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<p>Substitute for form 1449A/PTO</p> <p style="text-align: center;">INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (use as many sheets as necessary)</p>				<p style="text-align: center;">Complete If Known</p>		
<p>Sheet 5 of 11</p>				<p>Application Number To be Assigned 10/759,277 Filing Date January 19, 2004 First Named Inventor Coleman et al. Group Art Unit To be Assigned 1652 Examiner Name To be Assigned Monashipponi</p>		
<p>Attorney Docket Number PF505D2</p>						
<p>U.S. PATENT DOCUMENTS</p>						
Examiner Initials	Cite No. ¹	U.S. Patent Document Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YY	
<p>FOREIGN PATENT DOCUMENTS</p>						
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<p>OTHER REFERENCES - NON PATENT LITERATURE DOCUMENTS</p>						
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RE. RE.	CC	Genbank Accession No. AA947519 (07/23/1998)				
	CD	Genbank Accession No. AA918001 (06/10/1998)				
	CE	Genbank Accession No. AA862954 (04/29/1998)				
	CF	Genbank Accession No. AA831223 (03/25/1998)				
	CG	Genbank Accession No. AA621146 (03/02/1998)				
	CH	Genbank Accession No. AA741294 (02/07/1998)				
	CI	Genbank Accession No. AA064694 (12/23/1997)				
	CJ	Genbank Accession No. AA064652 (12/23/1997)				
	CK	Genbank Accession No. AA635261 (11/25/1997)				
	CL	Genbank Accession No. AA627771 (10/31/1997)				
	CM	Genbank Accession No. AA639295 (10/23/1997)				
	CN	Genbank Accession No. AA602087 (10/08/1997)				
	CO	Genbank Accession No. AA602067 (10/08/1997)				
	CP	Genbank Accession No. AA564277 (09/04/1997)				
	CQ	Genbank Accession No. AA568252 (08/22/1997)				
RE. RE.	CR	Genbank Accession No. AA532823 (08/21/1997)				
RE. RE.	CS	Genbank Accession No. AA533883 (08/21/1997)				
Examiner <i>RE. RE.</i>		Date Considered 10/4/04				

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				Filing Date	January 19, 2004	
				First Named Inventor	Coleman et al.	
				Group Art Unit	To be Assigned 1652	
				Examiner Name	To be Assigned Monashipour	
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RE MR.	CT	Genbank Accession No. AA502303 (08/19/1997)				
	CU	Genbank Accession No. AA195380 (04/29/1998)				
	CV	Genbank Accession No. AA057158 (05/11/1997)				
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	CX	Genbank Accession No. AA056931 (05/11/1997)				
	CY	Genbank Accession No. AA057865 (05/11/1997)				
	CZ	Genbank Accession No. F20800 (05/17/1999)				
	DA	Genbank Accession No. AA373896 (04/21/1997)				
	DB	Genbank Accession No. AA325066 (04/20/1997)				
	DC	Genbank Accession No. AA308334 (04/18/1997)				
	DD	Genbank Accession No. AA270975 (03/26/1997)				
	DE	Genbank Accession No. AA121653 (01/30/1997)				
	DF	Genbank Accession No. AA133055 (11/27/1996)				
	DG	Genbank Accession No. AA132974 (11/27/1996)				
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RE MR.	DI	Genbank Accession No. W46636 (10/11/1996)				
Examiner <i>RE MR.</i>			Date Considered 10/4/04			

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re. re.	DJ	Genbank Accession No. W05290 (04/23/1996)				
	DK	Genbank Accession No. N75480 (03/29/1996)				
	DL	Genbank Accession No. N46383 (02/14/1996)				
	DM	Genbank Accession No. N37069 (01/16/1996)				
	DN	Genbank Accession No. N30051 (01/05/1996)				
	DO	Genbank Accession No. N28455 (01/04/1996)				
	DP	Genbank Accession No. N27680 (12/30/1995)				
	DQ	Genbank Accession No. N20843 (12/19/1995)				
	DR	Genbank Accession No. H25271 (07/10/1995)				
	DS	Genbank Accession No. T82852 (03/16/1995)				
	DT	Genbank Accession No. R72258 (06/02/1995)				
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	DW	Genbank Accession No. AA839024 (02/27/1998)				
	DX	Genbank Accession No. AA230788 (02/26/1997)				
	DY	Genbank Accession No. C84288 (03/26/1999)				
re. re.	DZ	Genbank Accession No. AA604000 (10/28/1997)				
Examiner	<i>Manoharipani</i>			Date Considered	10/4/04	

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Substitute for form 1449A/PTO				Complete If Known			
INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (use as many sheets as necessary)							
Sheet	8	of	11	Attorney Docket Number	PF505D2		
U.S. PATENT DOCUMENTS							
Examiner Initials	Cite No. ¹	U.S. Patent Document Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YY		
FOREIGN PATENT DOCUMENTS							
Examiner Initials	Cite No. ¹	Foreign Patent Document Office ³	Kind Code ⁴ (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
OTHER REFERENCES - NON PATENT LITERATURE DOCUMENTS							
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.					T ⁶
re. HR.	EA	Genbank Accession No. W85985 (02/02/1997)					
	EB	Genbank Accession No. AA032715 (08/22/1996)					
	EC	Genbank Accession No. AI701120 (12/18/1999)					
	ED	Genbank Accession No. AA981884 (05/27/1998)					
	EE	Genbank Accession No. W59582 (06/06/1996)					
	EF	Genbank Accession No. AA670706 (11/25/1997)					
	EG	Genbank Accession No. AI624434 (12/14/1999)					
	EH	Genbank Accession No. T77310 (03/06/1995)					
	EI	Genbank Accession No. AA081645 (10/21/1996)					
	EJ	Genbank Accession No. W65159 (06/10/1996)					
	EK	Genbank Accession No. T99986 (03/31/1995)					
	EL	Genbank Accession No. AA636878 (12/14/1995)					
	EM	Genbank Accession No. H68573 (10/27/1995)					
	EN	Genbank Accession No. AA162903 (02/11/1997)					
	EO	Genbank Accession No. AI879065(08/23/1999)					
	EP	Genbank Accession No. AA930983 (04/23/1998)					
	EQ	Genbank Accession No. R74907 (07/25/1996)					
re. HR.	ER	Genbank Accession No. AA792227 (02/09/1998)					
Examiner				Date Considered		10/4/04	

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (use as many sheets as necessary)				Complete If Known	
Sheet	9	of	11	Application Number	To be Assigned 10/159277
				Filing Date	January 19, 2004
				First Named Inventor	Coleman et al.
				Group Art Unit	To be Assigned 1652
				Examiner Name	To be Assigned Monshiyam
				Attorney Docket Number	PF505D2
U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No. ¹	U.S. Patent Document Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YY
FOREIGN PATENT DOCUMENTS					
Examiner Initials	Cite No. ¹	Foreign Patent Document Office ³ Number ⁴	Kind Code ⁵ (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YY
OTHER REFERENCES - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
RE. RE.	ES	Genbank Accession No. AI888696 (03/08/2000)			
	ET	Genbank Accession No. AA417239 (10/16/1997)			
	EU	Genbank Accession No. AA384961 (04/21/1997)			
	EV	Genbank Accession No. C84527 (03/26/1999)			
	EW	Genbank Accession No. AI739429 (12/21/1999)			
	EX	Genbank Accession No. AA415331 (10/16/1997)			
	EY	Genbank Accession No. R86540 (08/17/1995)			
	EZ	Genbank Accession No. AI664161 (05/10/1999)			
	FA	Genbank Accession No. AA699593 (12/19/1997)			
	FB	Genbank Accession No. AA007637 (05/09/1997)			
	FC	Genbank Accession No. AI470741 (03/09/1999)			
	FD	Genbank Accession No. AA203188 (01/24/1997)			
	FE	Genbank Accession No. AI340362 (02/13/1999)			
	FF	Genbank Accession No. AA711207 (12/24/1997)			
	FG	Genbank Accession No. AA000619 (07/18/1996)			
	FH	Genbank Accession No. A778902 (02/05/1998)			
RE. RE.	FI	Genbank Accession No. AI117197 (09/02/1998)			
Examiner				Date Considered	10/14/04

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INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (use as many sheets as necessary)				Complete If Known				
Sheet	10	of	11	Application Number	To Be Assigned 10/759277			
				Filing Date	January 19, 2004			
				First Named Inventor	Coleman et al.			
				Group Art Unit	To be Assigned 1652			
				Examiner Name	To be Assigned MASHIKOU			
				Attorney Docket Number	PF505D2			
U.S. PATENT DOCUMENTS								
Examiner Initials	Cite No. ¹	U.S. Patent Document Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YY			
FOREIGN PATENT DOCUMENTS								
Examiner Initials	Cite No. ¹	Foreign Patent Document Office ³ Number ⁴	Kind Code ⁵ (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶	
OTHER REFERENCES - NON PATENT LITERATURE DOCUMENTS								
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.						T ⁶
RE. M.	FJ	Genbank Accession No. AA475777 (06/18/1997)						
RE. M.	FK	Genbank Accession No. W85750 (02/02/1997)						
RE. M.	FL	Genbank Accession No. AA269909 (03/26/1997)						
RE. M.	FM	Genbank Accession No. AA691227 (12/16/1997)						
RE. M.	FN	Genbank Accession No. AI829102 (12/21/1999)						
RE. M.	FO	Genbank Accession No. AA016640 (08/02/1996)						
RE. M.	FP	Genbank Accession No. AA002459 (07/19/1996)						
M. M.	FQ	Genbank Accession No. AI127768 (10/27/1998)						
M. M.	FR	Genbank Accession No. AA119079 (02/17/1997)						
RE. M.	FS	SAKAKIBARA ET AL., Constructions and expression of human aldolase A and B expression plasmids in Escherichia coli host, Biochimica et Biophysica Acta, (1989), pages 334-342						
RE. M.	FT	LUBINEAU ET AL., Combined Chemical and Enzymatic Synthesis of the Sialylated Non Reducing Terminal Sequence of GM _{1b} Glycolylated Ganglioside, a Potential Human Tumor Marker, Bioorganic & Medicinal Chemistry, (1994), volume 2, no. 7, pages 669-674.						
RE. M.	FU	European Search Report dated July 11, 2002.						
RE. M.	FV	European Search Report dated June 10, 2002.						
RE. M.	FW	XP-002199518; Accession No. 088719; Database SWALL 'Online!'; Nov. 1, 1998.						
RE. M.	FX	XP-002199519; Accession No. AJ006215; Database EMBL 'Online!'; August 7, 1998.						
Examiner	RE. M.		Date Considered	10/4/04				

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